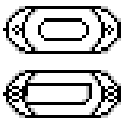
49734 Molded Cable Assemblies - GPIB (General Purpose Interface Bus) Assembly



For more information please call

1-800-Belden1

See Put-ups and Colors

Description:

GPIB shielded, for use with electronic equipment that is IEEE-488 compatible, molded PVC connector, S-R PVC insulation, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	6
Number of Conductors	11
Total Number of Conductors	23
Number of Pins	24

AWG :

Number of Conductors	Number of Pairs	Number of Coax	Number of Triads	AWG	Stranding	Conductor Material	Conductor Diameter (in.)
	6			26	7x34	TC - Tinned Copper	
10				26	7x34	TC - Tinned Copper	
1				24	7x32	TC - Tinned Copper	

INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
Nom. Insulation Wall Thickness	0.01 in.

OUTER SHIELD:

Outer Shield Trade Name	Beldfoil®
Outer Shield Type	Tape/Braid

Outer Shield Material :

Layer Number	Trade Name	Type	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	90

Outer Shield %Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	26
Outer Shield Drain Wire Stranding	7x34
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

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OUTER JACKET:	
Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	0.035 in.
OVERALL NOMINAL DIAMETER:	
Overall Nominal Diameter	.350 in.
ASSEMBLY DIMENSIONAL CHARACTERISTICS:	
Assembly Dimensional Length	3.3 ft.
CONNECTOR CHARACTERISTICS:	
FIRST END :	
Connector Characteristics - First End Connector Type	Stackable Ribbon
Connector Characteristics - First End # of Connector Contacts/positions	24
Connector Characteristics - First End Connector Gender	Male/Female
Connector Characteristics - First End Connector Shielding Type	Metal Backshells
Connector Characteristics - First End Overmold Type	GPIB
Connector Characteristics - First End Overmold Compound Material	PVC
Connector Characteristics - First End Overmold Color	Gull Gray
Connector Characteristics - First End Retention Hardware	Thumbscrews
SECOND END :	
Connector Characteristics - Second End Connector Type	Stackable Ribbon
Connector Characteristics - Second End # of Connector Contacts/positions	24
Connector Characteristics - Second End Connector Gender	Male/Female
Connector Characteristics - Second End Connector Shielding Type	Metal Backshells
Connector Characteristics - Second End Overmold Type	GPIB
Connector Characteristics - Second End Overmold Compound Material	PVC
Connector Characteristics - Second End Overmold Color	Gull Gray
Connector Characteristics - Second End Retention Hardware	Thumbscrews
Wiring	Straight wired
WIRING DIAGRAM:	
Wiring Diagram Color Code Chart :	

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Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue (pair 1)
7	Purple (pair 2)
8	Gray (pair 3)
9	White (pair 4)
10	White/Black (pair 5)
11	White/Brown (pair 6)
12	Drain wire
13	White/Orange
14	White/Yellow
15	White/Green
16	White/Blue
17	White/Purple
18	White/Gray (pair 1)
19	White/Black/Brown (pair 2)
20	White/Black/Red (pair 3)
21	White/Black/Orange (pair 4)
22	White/Black/Yellow (pair 5)
23	White/Black/Green (pair 6)
24	White/Black/Blue (24 AWG)

MECHANICAL CHARACTERISTICS:

UL Temperature Rating	80°C (UL AWM Style 2464)

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

NEC/(UL) Specification	CM (cable only)
AWM Specification	UL Style 2464 (300 V 80°C) (cable only)

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

PLENUM/NON-PLENUM:

Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)

NOTES:

Notes	Molded connector is male/female design for easy stacking and comes with molded-in metric jackscrews.

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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
49734 C62S2	GPIB SHD MOLD CABEL RI38601	S2	0	GRAY, GULL	

Revision Number: 1 Revision Date: 05-13-2005

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